

King County DNRP Water Quality Index

STATION **FF321** WATER YEAR **2018**

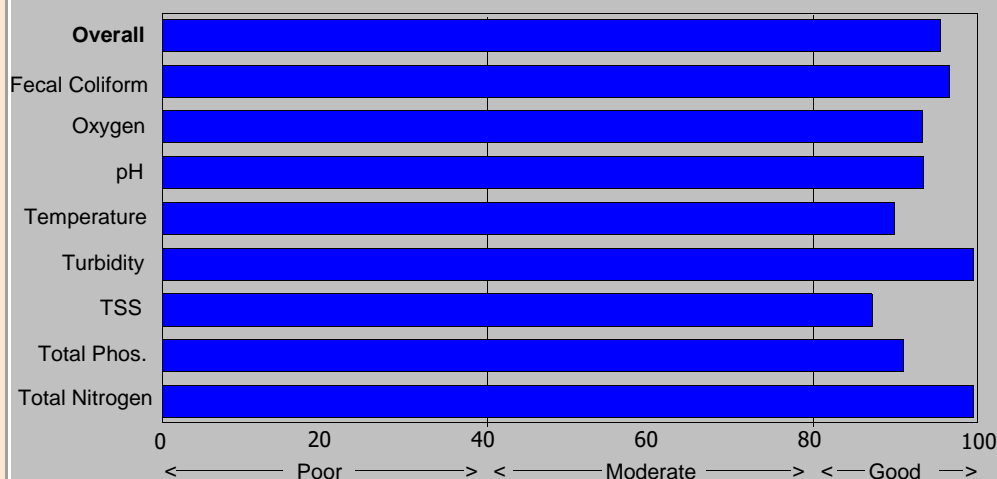
GAUGE # 40D2 Crisp Creek above New Hatchery

Overall Index 96

King County monitors water quality in Crisp Creek at two locations. In 2017 the upstream station (F321) was relocated roughly 100 feet further upstream due to construction at the hatchery. The new upstream station (FF321) is located upstream of the hatchery inflow where the creek crosses under SE 348th Street. Both data sets were combined for this water year WQI index calculation. Routine monthly monitoring began at the upstream site in 1993 and continued until 2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. In February of 2013, sampling at the upstream station resumed. Crisp Creek originates from several groundwater springs and a 20-acre bog and runs three miles before reaching the Green River. Crisp Creek is on the Washington Department of Ecology's 303(d) list, Category 5, for violation of dissolved oxygen standards.

Annual Water Quality Index Scores

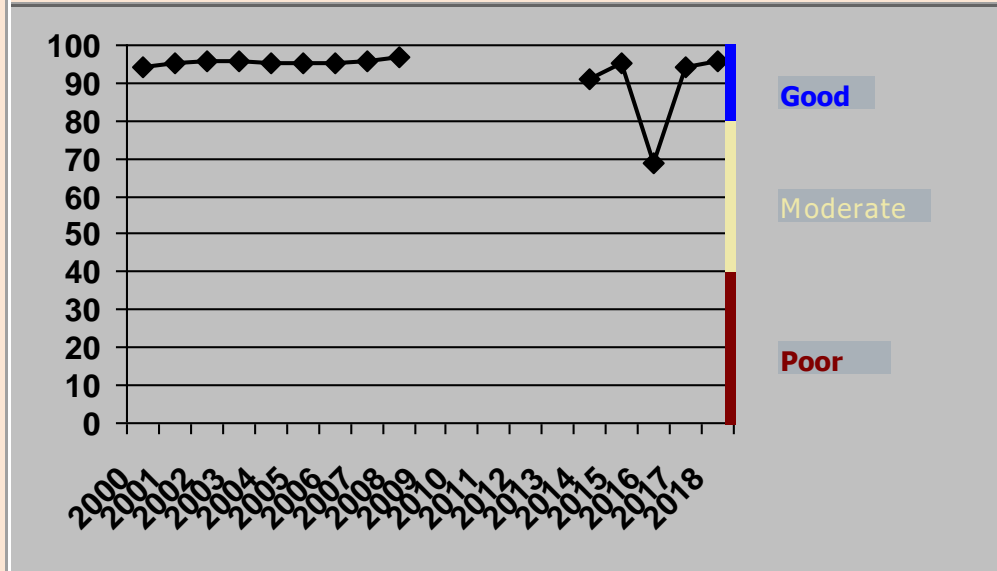
Water quality was GOOD based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
97	96	99	97	98	96	96	95	97	98	98	97

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>